

福建柯属(壳斗科)一新种

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A NEW SPECIES OF THE GENUS LITHOCARPUS (FAGACEAE) FROM FUJIAN

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Key words *Lithocarpus*; *L. yongfuensis*

关键词 柯属; 永福柯

永福柯 新种 图 1

Lithocarpus yongfuensis Q. F. Zheng, sp. nov.

Species *L. pakhaensi* A. Camus similis, sed ramulis hornotinis pedunculis rhachidibusque griseo-albis pulverulento-furfuraceis, petiolis brevioribus 1 cm longis, glandibus majoribus subglobosis 20—22 mm diam., cicatricibus minoribus 8—9 mm diam. differt.

Arbor sempervirens, 16 m alta, trunco 30 cm in diam. Rami teretes, purpureo-brunnei, lenticellis griseo-albidis dispersis; ramuli hornotini griseo-albi pulverulento-furfuracei. Gemmae ovoideae. Folia subcoriacea, elliptica vel ovato-elliptica, 5—10 (—13) cm longa, 2—3 (—4) cm lata, apice caudata, basi cuneata, secus petiolum leviter decurrentia, integra, supra nitida viridia glabra, subtus griseo-alba pulverulento-furfuracea, costa media supra conspicue elevata subtus leviter elevata, nervis lateralibus utrinsecus 10—12, supra leviter impressis, subtus leviter elevatis; petioli 1 cm longi. Amenta pistillata 7—15 cm longa, pedunculis rhachidibusque griseo-albis pulverulento-furfuraceis. Cupulae solitariae, disciformes, basi sensim in pedicellos angustatae, c. 8—10 mm altae, superne 16—18 mm lata, squamis minutis imbricatis appressis, deltato-ovatis, dense griseo-albis pulverulento-furfuraceis. Glandes subglobosae, 20—22 cm in diam., apice papillatae, cicatrice basilari concava, 8—9 mm in diam.

Fujian (福建): Zhangping (漳平), Zheng Qing-fang (郑清芳) Wu Ke-ru (吴克儒) 77040 (Typus, FJFC).

常绿乔木, 高 16 米, 胸径 30 厘米。枝圆柱形, 紫褐色, 散生灰白色皮孔, 一年生枝有灰白色糠秕状鳞秕。芽卵圆形。叶薄革质, 椭圆形或卵状椭圆形, 先端尾状, 基部楔形, 沿叶柄稍下延, 全缘, 上面亮绿色, 下面有灰白色糠秕状鳞秕, 中脉在上面明显突起, 下面稍突起, 侧脉每边 10—12 条, 上面稍凹下, 下面微突起; 叶柄长 1 厘米。雌花序长 7—15 厘米, 花序轴有灰白色糠秕状鳞秕。壳斗单个散生于果序轴上, 盘状, 基部变狭呈短柄状, 高

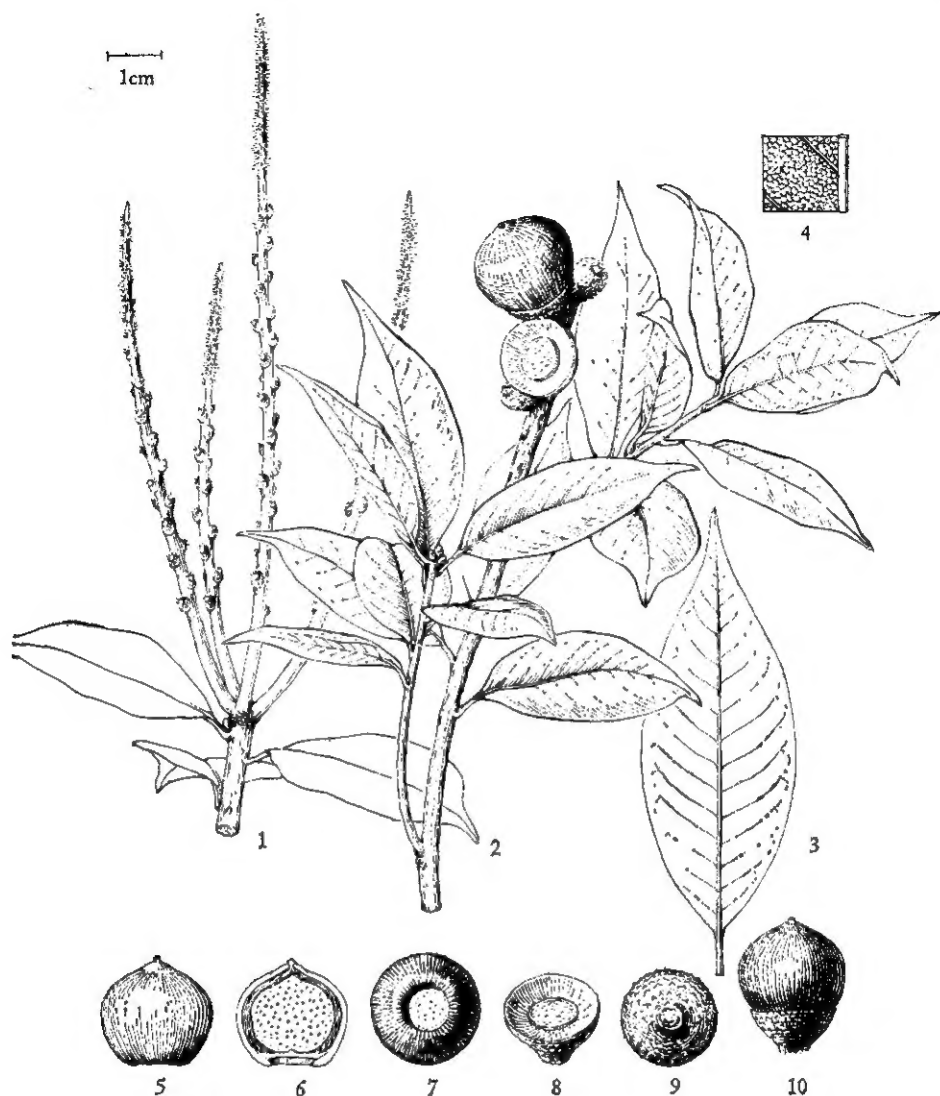


图1 永福柯 *Lithocarpus yongfuensis* Q. F. Zheng 1.花枝 flowering branch; 2.果枝 fruiting branch; 3.叶片 lamina; 4.叶下面一部分放大 lower face of lamina, magnified; 5-7. 坚果 nut: 5. 侧面 lateral view; 6. 纵切面 vertical section; 7. 底面 bottom view 8-9. 壳斗正面及底面 front and bottom view of nut; 10. 坚果和壳斗 nut with cupule.

约8—10毫米,上部宽16—18毫米,鳞片三角状卵形,小而呈覆瓦状排列,紧贴,密被灰白色糠秕状鳞秕。坚果近球形,直径20—22毫米,顶部有乳头状突起,果脐凹陷,径8—9毫米。

本种与屏金柯 *L. pakhaensis* A. Camus 相近似,不同点在其一年生小枝和花序轴具灰白色糠秕状鳞秕,叶柄较短,长1厘米,坚果较大,近球形,直径20—22毫米,果脐较小,直径8—9毫米。